Current STEM-H Collaborations
Among
Virginia Public Colleges and Virginia Private Colleges

Averett University. Averett has an articulation agreement with the Department of Clinical Laboratory Sciences School of Allied Health Professions, Medical College of Virginia Campus, Virginia Commonwealth University, for students who meet the criteria to enter the Master of Science program in clinical laboratory sciences.

Averett has a Guaranteed Admissions Agreement with the Virginia Community College System (VCCS) and articulation agreements in process of being written with Danville Community College (DCC) and Patrick Henry Community College (PHCC) for Averett's BSN for RN program.

New collaborations include articulation for RN-BSN students from Danville Community College and early acceptance and guaranteed acceptance programs for Averett students planning to attend the Virginia College of Osteopathic Medicine.

Bridgewater College. Engineering 3-2 w/George Washington; Engineering 3-3 w/Virginia Tech; Nursing 3-2 w/Vanderbilt Physical Therapy w/Shenandoah University.

Eastern Mennonite University. Partnership in Bridging the Valley, a STEM-preparation summer program for entering first year students; other schools are James Madison University, Bridgewater College, and Blue Ridge Community College.

An articulation agreement with Blue Ridge Community College which facilitates the transfer of Nursing students coming to complete the Bachelor of Science in Nursing.

Ferrum College. Articulation Agreement between Ferrum and East Tennessee State University for Health Science students. East Tennessee State University's College of Nursing will grant admission into their nursing program from Ferrum's Health Sciences program whereby a student attends Ferrum for 3 years and then completes 30 hours at East Tennessee State.

Submitted an NSF-STEP proposal to try to receive funds over the next five years to increase recruitment, retention, and graduation rates in STEM across Ferrum College and Virginia Western Community College.

Hampden-Sydney College. Eastern Virginia Medical School Joint Program - Through an agreement with Eastern Virginia Medical School (EVMS), outstanding premedical students may gain assurance early in their college careers of admission into medical school. Each year the EVMS Admissions Committee, in

consultation with Hampden-Sydney's Health Sciences Committee, selects a small number of rising sophomores for a program that assures participants' admission to EVMS upon satisfactory completion of their undergraduate studies at Hampden-Sydney.

George Washington School of Medicine Early Selection Program - Through an agreement with The George Washington University School of Medicine and Health Sciences, two outstanding premedical students may be selected at the end of their sophomore year to enter the medical school at The George Washington University once they have completed the requirements for graduation from Hampden-Sydney College.

Lynchburg College Doctor of Physical Therapy (DPT) Program - Students who meet certain GPA requirements and work with Hampden-Sydney's Health Sciences Committee are eligible for four guaranteed positions in Lynchburg College's DPT program.

Dual Degree Program in Engineering, UVA - Hampden-Sydney College offers students interested in a career in engineering the opportunity to earn a Bachelor of Science degree from the College and a master's degree from the School of Engineering and Applied Science at the University of Virginia in approximately five years.

Dual Degree Program in Physics and Engineering, Old Dominion University - This dual-degree program makes it possible for undergraduate students to earn a Bachelor of Science degree in Physics from Hampden-Sydney College and a Bachelor of Science degree in Civil, Computer, Electrical, Modeling and Simulation, or Mechanical Engineering from Old Dominion University in five years (five and one-half years in Computer Engineering). Dual-degree candidates enroll in the Physics program at Hampden-Sydney College for the first three years and transfer to the Batten College of Engineering and Technology at Old Dominion University for the final two (or two and one-half) years of their undergraduate studies. The dual-degree program is carefully constructed to meet all degree requirements of both institutions and is consistent with established Old Dominion University transfer policies.

Joint engineering degree with ODU (3/2 program for B.A. in physics and B.S. in engineering)

Joint engineering degree with University of Virginia (B.A. plus M.A. in five years)

Early selection program in medicine and health sciences with George Washington University

Early selection program (BS/MD) with Eastern Virginia Medical School 5. Early selection program with VCU.

Lynchburg College. University of Virginia--dual degree program that allows a student to earn a four-year physics degree at Lynchburg College and a Masters of Engineering degree from the University in a total of five years.

Mary Baldwin College. Nursing with Vanderbilt; physics with Washington and Lee; engineering with University of Virginia.

Marymount University. George Mason University, College of Law Agreement – Through this planned agreement, students in Marymount's Forensic Psychology program and George Mason's Law School will have limited access to courses offer at the both institutions.

National Science Foundation Cyber-security Grant – Through the grant, the Northern Virginia Community College and Marymount have obtained full scholarships (tuition, room, board, expenses) for highly qualified students studying cyber-security.

National Science Foundation STEM Grant – Through the grant, the Northern Virginia Community College and Marymount have obtained scholarships funds ($10,000 per student) for qualified students studying in the fields of science, technology, engineering and mathematics.

Research at Undergraduate Institutions Grant -- Through the grant, undergraduates at Old Dominion University and Marymount have developed optimal control studies for Cholera research.

Virginia Office of Aging Grant – Through the grant, Marymount and Virginia Commonwealth University physical therapy department are conducting day programs for Alzheimer patients to improve balance and prevent falls.

Randolph-Macon College. Guaranteed Early Acceptance Program with medical schools at VCU and EVMS.

Guaranteed admission agreement with the VCU School of Nursing for their accelerated nursing (BSN) program.

Roanoke College. 3-2 Engineering with Virginia Tech. Students in the program also take courses at VWCC.

Roanoke College has an articulation agreement with Jefferson College of Health Sciences which will grant priority admission to a maximum of five baccalaureate graduates per year from Roanoke College who are seeking entry into the Accelerated BSN Program.

Through a joint collaboration between Roanoke College and Lynchburg College, an articulation agreement has been established with the Lynchburg College Doctor of Physical Therapy (LC-DPT) program. With this agreement, Roanoke College may offer a minimum of four guaranteed positions in the LC-DPT program.

University of Richmond. UR has a dual-degree engineering program and a linked undergraduate-to-graduate program in Environmental Science with VCU.

UR STEM faculty collaborates with Virginia Union University so that some of their undergraduate students can do summer research at UR (supported by an NSF grant).

UR sponsors MCAT training for minority students from Virginia public colleges as part of the Virginia-Nebraska Alliance.

Virginia Union University. The partnership is between VUU and VCU. The grant provides for a traditional mentoring postdoctoral research experience with an opportunity to develop teachings skills through mentored assignments. It will facilitate the progress of postdoctoral candidates toward research and teaching careers in academia. It will assist with providing a resource to motivate the next generation of scientists at minority-serving institutions and promote linkages between research-intensive institutions and minority-serving institutions that can lead to further collaborations in research and teaching.

Virginia Wesleyan College. VWC has an agreement with ODU. Under the agreement, a student can earn a B.S. degree at VWC while taking pre-determined engineering courses at ODU and then, upon admission to ODU (with a 3.0 GPA cumulative and in engineering courses and an acceptable GRE score), complete a Master of Engineering degree in 12 months or Master of Science degree in 18 months. In addition, under a separate agreement between VWC and ODU, VWC graduates who have a cumulative GPA of 3.25 and meet state educational licensure requirements, are guaranteed admission into the Master of Science in Education program at ODU; many of the teaching disciplines covered by this degree are STEM-related.

VWC has an agreement for a joint program in medicine with Eastern Virginia Medical School (EVMS) that provides the opportunity for pre-med students to apply for early admission to EVMS during the fall semester of their sophomore year. Individuals selected for admission into this program are expected to complete a challenging academic program at VWC and to obtain substantive exposure to the field of medicine as an undergraduate. Upon completion of a 4-year bachelor's degree at VWC, students in this program are guaranteed admission at EVMS.

Via College of Osteopathic Medicine (VCOM). Faculty Collaborations/Teaching Student Research Projects; a joint DO (Doctor of Osteopathic Medicine) and MBA program and a joint DO and MPH program with Virginia Tech.

Washington and Lee University. Joint instrumentation grant with Virginia Military Institute. 2011 NSF MRI award for a confocal laser microscope. Individual faculty members have ongoing research collaborations with colleagues at 4-year public Virginia institutions. Our recent Howard Hughes Medical Institute funded IQ center (Integrated and Quantitative Science Center) will house the above-mentioned joint confocal microscope (in addition to other analytical and quantitative equipment) and will continue to foster collaboration between W&L and VMI.

George Washington University. Associate Degree to Bachelor's/Master's degree in Nursing (ADN-BSN/MSN) Program: In 2011, GW School of Nursing launched a novel ADN-BSN/MSN program. This program targets entry-level nurses in rural and underserved communities. Students complete their coursework online and their clinical preceptorships in their local communities, with site visits from GW faculty. Currently, the pilot program has three students enrolled who have transferred from Dabney S.

Lancaster Community College. Several more students are completing prerequisites with the intention of applying to the AD-BSN/MSN program next year. GW and the Virginia Community College System recently signed an agreement to expand this program statewide. Students at any Virginia community college can now take advantage of this program.

Bachelor's Degree Completion Program in Integrated Information, Science and Technology (IIST):   The IIST program at GW is a bachelor's degree completion program designed for community college students and working professionals who wish to continue their studies beyond an Associate's degree. Created in 2009, this program is offered at GW's Arlington Education Center. The program runs on a cohort model resulting in a very high retention rate among the students. Students are able to finish the program in 5 semesters (less than two years). The integrated and STEM oriented content of the program provides students with the necessary skills required to be successful in the Information Science Technology and Biotechnology fields. Currently, 33 students are participating in the program. A transfer agreement allows Northern Virginia Community College students to complete their degrees through this program. Additionally, some students may continue on to earn a Master's through GW's business school.

Current Non STEM-H Collaborations
Among
Virginia Public Colleges and Virginia Private Colleges

Averett University. In addition to the VCCS Guaranteed Admissions Agreement, Averett has the following articulation agreements with DCC: General, Business Administration (traditional and adult accelerated), Criminal Justice, and Early Childhood Education. Averett has a Passport/Transfer agreement with both DCC and PHCC, a 2+2 Criminal Justice articulation agreement with Piedmont CC, and has articulated courses with Richard Bland.

New collaborations include guaranteed acceptance for DCC Business students into Averett's traditional and adult accelerated Business Administration programs. A 2+2 agreement for DCC Information Systems Technology students interested in Averett's Computer Information Systems degree is being finalized.

Bridgewater College. Washington Semester - American University.

Guaranteed Admissions w/ Blue Ridge CC, Dabney Lancaster CC, Germanna CC

Emory & Henry College. Annual undergraduate research symposium done in collaboration with UVA-Wise.

Guaranteed admissions agreement with Virginia Highlands Community College.

Hampden-Sydney College. Early admission program with Fuqua School of Business of Duke University

Early admission program with Darden School of Business of University of Virginia

Longwood University and SVCC Cooperative Program (full-time students from both institutions can take courses at both institutions without additional tuition)

Five year program for B.A. from Hampden-Sydney and Masters in Accounting from William and Mary

Lynchburg College. We offer graduate courses in special education in collaboration with Radford University.

We currently have an articulation agreement with VCCS that essentially guarantees that students entering Lynchburg College with an Associate of Arts Degree have met almost all of our general education requirements.

Mary Baldwin College. Teacher education with VMI.

Marymount University. Northern Virginia Community College (Loudoun Campus) 2+2 Program – Through the relationship, NVCC graduates are offered a customized Bachelors in Business Administration (BBA) at its Reston Center. The program will begin in fall 2014.

Northern Virginia Community College Guaranteed Admissions Agreement – Through the agreement, NVCC students who complete the appropriate associates' degrees with a minimum GPA of 2.75 are guaranteed admissions to Marymount. Marymount undergraduate admissions office is currently working with counseling services at NVCC to promote the agreement.

University of Virginia's School of Continuing and Professional Studies (Fall Church) Memo of Understanding – Through the MOU, UVA students transfer up to 18 credits into Marymount's School of Business Administration graduate degree programs.

Teaching English at the Community College Certificate – With input from the Northern Virginia Community College, Marymount recently began offering a post-masters certificate specifically designed to qualify instructors to teach of English and composition at the college level.

Randolph-Macon College. 4+1 Accounting program with VCU.

Articulation agreements with J Sargeant Reynolds and John Tyler community colleges

Roanoke College. Roanoke College has articulation agreements with Dabney Lancaster Community College, Virginia Western Community College and Richard Bland College which insure that transfer students from these colleges are treated on an equal basis with our native students with regard to award and distribution of financial aid and other scholarships, campus housing, selection of courses and other student services.

University of Richmond. UR has a partnership with VCU School of Social Work and UR Law School to provide assistance through the UR Downtown Law Clinic.

UR's Center for Leadership in Education and VCU's Center for School Improvement partner in the Edulead Program, which provides assistance to Richmond Public Schools.

UR has articulation agreements with Germanna Community College, Danville Community College, J. Sergeant Reynolds Community College, and John Tyler Community College.

UR offers a dual degree program between the law school and VCU. Students may obtain dual degrees in law and the following: social work, health administration, urban studies and planning, and public administration.

Virginia Union University. VUU's Department of Criminology/Criminal Justice collaborates with Virginia Commonwealth University's Department of Criminal Justice and the Henrico County Sherriff's Office to offer the summer jailor academy. They generally reserve about 5 spaces for VUU students with the remainder (of about 20 or so) coming from VCU. The students go through a training academy to receive DCJS certification as correctional officers. This summer will be the third year when the partnership has been in existence. Last summer, this program (summer-Student Basic Academy) was recognized by the National Association of Counties (NACo) as a national model.

Project Empowerment at VCU is a five-year, NIDRR-funded grant with the purpose of identifying and evaluating current practice and methods in the area of minority disability research. Virginia Union University faculty and students have participated in research and grant-writing workshops, and a VUU student completed a summer internship with Project Empowerment in 2012. Project Empowerment is currently assisting VUU faculty members with the development of research activities with the goal of developing health interventions that would benefit African-Americans.

The Virginia Community College System has developed a transfer partnership with Virginia Union University. This seamless transfer agreement gives students an opportunity to enroll in Virginia Union's approved teacher education program and obtain a teaching license. This agreement provides students with specific information on their responsibilities, while the curriculum guides clearly list the courses that they should take in preparation for a seamless transfer.

Virginia Union University participates in a statewide civic engagement consortium called Virginia Engage. The purpose of the consortium is to discuss the common needs that can be addressed by students who participate in community service programs throughout the Commonwealth.

Virginia Wesleyan College. VWC is one of thirteen institutional members of the Tidewater Consortium, which includes four public four-year institutions (ODU, Norfolk State, William & Mary, Christopher Newport) and four community colleges (Eastern Shore, Paul D. Camp, Thomas Nelson, Tidewater). Students at any institution, subject to some exceptions, can take courses at any other member institution through cross-registration.

VWC has a general transfer articulation agreement, renegotiated in 2012, with VCCS and is developing a series of program-specific agreements with TCC during the current academic year.

Virginia Wesleyan College has initiated a series of new agreements with Tidewater Community College (TCC) that offer students a streamlined transfer process and competitive scholarships that allow them to complete a degree at VWC. The program-to-program articulation agreements take effect at the beginning of the 2013-2014 academic year. Students can enroll in one of 12 programs included in the agreement upon their acceptance to TCC. Following successful completion of a two-year associate degree at TCC, students are able to transfer directly to VWC where course-by-course equivalencies for each degree program allow for a seamless academic transition. VWC programs in the agreement include: Biology (B.A.), Biology (B.S.), Business, Criminal Justice, Elementary Education (preK-6), Psychology, Secondary Teaching Certification with Academic Major (K-12), Social Sciences, Special Education General Curriculum (K-12), Studio Arts, Studio Arts (Glass) and Studio Arts (Photography). Virginia Wesleyan will offer competitive scholarships for students enrolled in the TCC-to-VWC programs who successfully complete an associate degree with a cumulative GPA of 2.5 or higher.

Washington and Lee University. Rockbridge Teacher Education Consortium is a joint collaboration of W&L with Southern Virginia University for teacher certification and training.

The third year curriculum of the Washington and Lee University Law School requires students to do an externship. Students can meet this requirement through an innovative partnership with the Virginia Tech Intellectual Property program. This program provides an opportunity for Washington and Lee law students to serve as mentors for Virginia Tech pre-Law undergraduates in the preparation, development, and submission of patent applications. In addition, our law school has a collaboration with Virginia Tech that enables students to obtain bachelor of science and law degrees with an emphasis in intellectual property law in as little as six years.

We are working with VMI to finalize our next proposal to the Mellon-funded collaboration between military and civilian colleges. Dickinson College invited us into the group. Last year this grant helped fund the Honor Conference at VMI, in which both VMI Honor Court and W&L EC members participated. ACS has funded through a small seed grant an R1 collaboration and we have begun working on connections for Digital Humanities faculty through UVA's Scholars' Lab. This will be a two-way collaboration, with opportunities for UVA graduate students to learn about liberal arts colleges.

CICV Schools. Several CICV schools are finalizing an articulation agreement with Richard Bland College, Virginia's only 2 year public college, to enable a seamless transition to CICV member schools from Richard Bland College. Once the agreement with the pilot schools is in place, all CICV members will be offered the opportunity to participate.

CICV Group Business Projects

Leveraging the spirit of collaboration among our members, CICV works to identify and coordinate initiatives that create operating efficiencies in the management of private higher education institutions in Virginia. Combining the market influence of our 29 member institutions, these programs are designed to provide value through:

- Attractive cost savings
- Enhanced quality of service

Insurance

- **Property and Casualty**
  - Started June 1, 2012
  - Nine member schools
  - Average reduction in premiums of 26% for property insurance rates, 18% for commercial automobiles, and a 13% average reduction in broker compensation fees.
  - Benefits include:
    - renewal rates well below market conditions
    - coverage from CNA and the Hartford
    - enhanced customer service from a dedicated account manager
    - educational updates about the state of the insurance market

- **Student Health**
  - Started August 1, 2013
  - Ten member schools
  - Benefits include:
    - Coverage by UnitedHealthcare
    - Customer service from a nationally recognized leader in student health care management Program is fully compliant with the Affordable Care Act
    - Participants receive timely updates on state of health insurance and strategies for navigating ACA changes
    - Schools provide alternative to exchanges for students

- **Long Term Care**
- **Car and Homeowners**

Goods

- **Computer hardware**
- **Access to eVa contracts**
- **Access to Provista contracts**
  - multi-industry group purchasing organization
- **Office supplies**

Services

- **403 (b) Multiple Employer Plan**
  - Feasibility stage
  - Potential benefits:
    - Save colleges consulting fees and administrative costs
    - Eliminate school-level plan audits
    - Mitigate the burden of fiduciary risk CICV schools experience as sponsors of their own plans
    - one plan for all participating colleges to be administered by the CICV

- **Landfill Gas to Electricity**
  - Finalizing details
  - Purchasing electricity generated by landfill gas
  - Benefits include:
    - Reduces harmful gas in the atmosphere
    - Moves schools closer to their carbon neutrality goals
    - Attracts students who are sensitive to ecological and sustainability issues

- **Access to eVa contracts**
  - purchasing contracts used by Virginia state government and public higher ed

- **Long Distance Service**
  - CICV's oldest collaborative project
  - Started in 1993
  - Managed by CenturyLink
  - 19 CICV schools jointly contract for long distance sevices

- **Software Licensing**
- **Emergency Alert Notifications**
- **Software to manage HR functions**
- **Software to manage Facilities, Maintenance, and Energy Usage**
- **Purchase Cards**